

REMARKS

Reconsideration and allowance of the above-referenced application are respectfully requested.

Claims 1-2 are pending. New claims 19 and 20 have been added to recite further features of the disclosed embodiments. Basis for new claim 19 can be found in various parts of the specification, including at page 14, lines 10-11. Basis for new claim 20 can be found in various parts of the specification, including at page 15, line 9.

The Advisory Action indicates that the reactions of isobutylene with 1-butene and 2-butene are possible reactions **with conditions**. In response, the Applicant respectfully submits that the term autometathesis as used in the present specification includes these reactions.

It is further noted that Schwab '430 discloses that the C4 effluent from the metathesis step is recycled to the autometathesis reactor. There is no disclosure in Schwab of subjecting the C4 effluent from autometathesis to conventional metathesis as is provided in (f) and (g) of claim 1.

In summary, Applicants have addressed each of the objections and rejections within the present Office Action and Advisory Action. It is believed the application now stands in condition for allowance, and prompt favorable action thereon is respectfully solicited.

Appl. No.: 10/620,186

Response to Office communication dated: 6/7/2006

Attorney Docket: ABBLUM/261/US

The Examiner is invited to telephone Applicant(s)' attorney if it is deemed that a telephone conversation will hasten prosecution of this application.

Respectfully submitted,

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